

# GRUNDIG

*e*TRAVELLER VII WORLD RECEIVER



**GRUNDIG**

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OPERATION MANUAL



# HOW TO USE YOUR GRUNDIG *e*TRAVELLER VII

**DO YOU NEED HELP?** We've tried to make these instructions easy to follow.  
Please read them carefully.

If you need help call us toll free:

Monday-Friday, 8:30 a.m. - 4:00 p.m., Pacific Standard Time.

**1-800-872-2228** from the U.S.

**1-800-637-1648** from Canada

**1-650-361-1611** from anywhere

Thank you for purchasing the **eTRAVELLER VII** AM/FM shortwave Radio. This radio has been designed and manufactured to high quality standards, and will provide reliable operation for many years. Please carefully read the Owner's Manual in order to take advantage of the many interesting features that will provide listening to radio broadcasts around the world.

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Please refer to the diagram below when reading the operating instructions. Each numbered item is discussed in the text of the instructions. (e.g. the SLEEP button is shown in the instructions below as SLEEP **10** ).



**IMPORTANT NOTE:** To prevent the loss of clock and memory settings, always turn the radio off when installing or removing batteries and when plugging or unplugging the AC adaptor into or from the radio.

### HOW TO INSTALL BATTERIES

If the radio already has batteries in it, turn the radio off. Slide the battery compartment cover **11**, on the bottom left, away from the radio until it opens. Install 2 AA alkaline batteries, following the diagram imprinted on the back of the radio near the battery compartment. The + side of each battery faces toward the battery compartment cover.

### USING AN AC ADAPTOR (read the IMPORTANT NOTE, on page 6)

Turn the radio off. Plug the adaptor into an AC outlet, then into the radio's DC jack **20**. Before unplugging the AC adaptor, turn the radio off. Use only an AC adaptor with the following specifications: output, 3 VDC, negative polarity. Plug-tip diameters: outer, 3.4 mm; inner, 1.3 mm. Rated at 250 milliamperes or greater. Before you purchase an AC adaptor, please call us at one of the numbers shown on page 3. We can advise you as to where you can purchase a suitable one that will not damage your radio.

### OPENING THE HINGED COVER

Open the hinged cover **12** by pulling on the latch (middle right side). The cover is hinged on the left side and opens to the left.

### HOW TO TURN THE RADIO ON AND OFF

There are two ways to turn the radio on and off. Both are shown below: ON/OFF using the 'SLEEP' button **10** and 'OFF' button **14** and ON/OFF using the 'POWER/STANDBY' button **13**. The 'SLEEP' method only works if the clock is set.

### ON/OFF USING THE 'SLEEP' AND 'OFF' BUTTONS

To turn it on, press the 'SLEEP' button **10**. To turn it off, press the 'OFF' button **14**. When initially turned on, "60" will appear in the LCD for 5 seconds before the frequency display appears. Please note that the radio will automatically turn off after "60" minutes. This helps prevent batteries from running down if the radio is turned on accidentally. Turning the radio on in this manner is associated with the sleep timer function. See the section below titled HOW TO SET THE SLEEP TIMER page 11 for more details.

### ON/OFF USING THE 'POWER/STANDBY' BUTTON

This method only works if the clock is set (see HOW TO SET THE CLOCK, below). Turn off the radio. After pressing the POWER/STANDBY button **13** once, 'STANDBY' appears in the display. Now the radio can be turned on and off by pressing the POWER/STANDBY button **13**. It can also be turned off by pressing the OFF button **14**. To deactivate the STANDBY feature, press-and-release the POWER/STANDBY button **13** until 'STANDBY' disappears from the display.

### CONTROLLING THE VOLUME

Control the volume with the volume control knob **18**.

### USING EARPHONES

Plug the earphones into the earphone jack **19**. Most earphones with a standard 3.5 mm (1/8 inch) plug will work.

## GETTING STARTED

### SETTING UP THE RADIO FOR AM BAND TUNING

AM stations in North, Central and South America are spaced in 10 kilohertz tuning intervals. Other parts of the world use 9 kilohertz tuning intervals. The selector switch is located on the top-left of the radio **16**.

To set the radio up for 10 kilohertz tuning, turn the radio off. Then slide the selector switch to the left. Then turn the radio on.

To set the radio up for 9 kilohertz tuning, turn the radio off. Then slide the selector switch to the right. Then turn the radio on.

### HOW TO USE THE RADIO

Turn the radio on. Each press of the BAND button **5** causes AM, FM or SW to appear in the left side of the display. Frequencies are displayed as numbers in the display. AM frequencies are in Kilohertz; FM and SW frequencies are in Megahertz. Extend the antenna **1** when listening to FM or shortwave. It need not be extended when listening to AM stations.

**Note:** a detailed example on how to tune shortwave is given later in this manual. See USING YOUR **eTRAVELLER VII** FOR SHORTWAVE LISTENING.

### HOW TO TUNE MANUALLY

Turn the radio on. Make sure that the AUTOSCAN feature is not engaged (see below). Select FM, AM or SW. Use quick, short presses of the +/- buttons to move up or down frequency. The + button is used to tune up frequency, the - button is used to tune down frequency. If your previous radios had a tuning knob, these buttons perform the same function, but in a much more efficient, precise manner.

### HOW TO USE THE AUTOSCAN FEATURE

Turn the radio on. Select FM, AM or SW. Press-and-release the AUTOSCAN button **6** once. 'AUTOSCAN' appears in the upper left of the LCD. Then press-and-release either the + or - tuning button **3**, **4**. The + button is used to autoscans up frequency, the - button is used to autoscans down frequency. The tuner will automatically stop on stations. To deactivate the autoscans feature, press-and-release the AUTOSCAN button **6**. 'AUTOSCAN' will disappear from the LCD.

### HOW TO STORE STATIONS INTO MEMORY

There are 30 memories, 10 each for FM, AM and SW. Turn the radio on, then tune to the station that you wish to store into memory. Press-and-release the STORE button **8**. A memory digit will flash in the upper right corner of the LCD **2**. Then decide which of the 10 memories to store it into. To store it, press the CH-UP button **7** until it reaches your flashing chosen memory channel, on the top right of the LCD **2**. Then press-and-release the STORE button **8** again.

### HOW TO OVERWRITE THE CONTENTS OF A MEMORY

Store a new frequency into it, using the procedure outlined above. Memories are never empty, or blank, therefore it is best to store a known station into each memory position.

### HOW TO ACCESS WHAT YOU HAVE STORED INTO MEMORY

Turn the radio on. To access a station that you have stored into memory, press-and-release the CH-UP button **7** until you reach the station that you wish to hear. The station's frequency and the memory number will appear in the display. To auto-scan the memories, press the CH-UP button **7** for two seconds, then release it. The scanner will stop on each memory for about 5 seconds, then move on. To stop the scan, press-and-release the CH-UP button **7**.

## HOW TO SET THE CLOCK

NOTE: this is a 24-hour clock system, e.g., 6 p.m. is shown as 18:00 hours. The clock can be set with the radio turned on or off. While keeping the TIME SET button **15** pressed-in, press the + button **3** to set the hour and the - button **4** to set the minutes. Release the TIME SET button **15** when finished.

## HOW TO SET, ACTIVATE AND DEACTIVATE THE ALARM

The alarm feature can be set to turn the radio on and off at a specified time. Setting the alarm ON/OFF times can be done while the radio is turned on or off. **NOTE:** in the setting procedures outlined below, each successive step must be performed within 5 seconds of the previous step, otherwise, the setting procedure must be started again.

### SETTING THE ALARM-ON TIME

1. Press-and-release the TIMER button **9** until 'TIMER ON' is in the display.
2. While keeping the TIME SET button **15** pressed-in, press the + button **3** to set the hour and the - button **4** to set the minutes for the alarm turn-on time.
3. Release the TIME SET button **15**. After setting, 'TIMER ON' in the display will change to 'TIMER'.

### SETTING THE ALARM-OFF TIME

1. Press-and-release the TIMER button **9** until 'TIMER OFF' is in the display.
2. While keeping the TIME SET button **15** pressed-in, press the + button **3** to set the hour and the - button **4** to set the minutes for the alarm turn-off time.
3. Release the TIME SET button **15**. After setting, 'TIMER OFF' in the display will change to 'TIMER'.

## ACTIVATING THE ALARM

Press-and-release the TIMER button **9** until 'TIMER ON' is in the display. 'TIMER ON' will change to 'TIMER' after 5 seconds. Now press-and-release the POWER/STANDBY button **13**. 'STANDBY' appears in the display above 'TIMER'. The alarm is now activated. Remember to select your desired station and volume level before activating the alarm function.

## DEACTIVATING THE ALARM

Press-and-release the POWER/STANDBY button **13** until 'STANDBY' no longer appears in the display. Then press-and-release the TIMER button **9** until 'TIMER' disappears from the display.

## HOW TO SET THE SLEEP TIMER

The sleep timer allows the radio to play for a specified number of minutes before it turns off. It operates independently of the alarm feature. This is done with the SLEEP button **10** and can be done with the radio turned on or off. The first press-and-release of the SLEEP button **10** sets the sleep timer for 60 minutes (60 appears in the display). Each successive press-and-release reduces the time to 50, 40, 30, 20, 10 and 0 minutes. The radio will automatically turn off after playing for the selected time period. Selecting 0 minutes simply deactivates the sleep timer.

## USING YOUR *e*TRAVELLER VII SHORTWAVE LISTENING

Thoroughly read the SHORTWAVE LISTENING GUIDE included with your radio. It completely explains everything needed to successfully enjoy shortwave listening. Once you have read about shortwave "bands", use the examples below to try out your radio's shortwave abilities. Refer to pages 6 through 9 of the SHORTWAVE LISTENING GUIDE.

**Note:** your radio shows shortwave frequencies in megahertz (MHz).

## HOW TO TUNE AROUND IN A SHORTWAVE BAND

Let's use a specific example to learn how to "tune around" in a shortwave band and find stations. It's really no different from tuning around in the AM and FM bands for finding local stations. We will use the shortwave 31 meter band, an evening band, in the example below, but you can substitute any other band based on its suitability for the time of day that you are listening, e.g., 19 meters during daylight hours. Refer to pages 6 through 9 of the SHORTWAVE LISTENING GUIDE.

The traditional 31 meter band is considered a night band, covering the frequency range 9.5-9.9 MHz. In practice, broadcasts may be found starting at 9.2 MHz and extending all the way up to, but not including 10 MHz.

- Step 1.** Turn on the radio.
- Step 2.** Tune to the frequency at the beginning of the band, in this case, 9.5 MHz.
- Step 3.** Now tune manually, using quick, short over-and-over presses on the + tuning button. Each press advances the frequency by 5 KHz. Shortwave broadcast stations are spaced in these 5 KHz steps. Now, tune through the band, listening to any stations that you find interesting. You can move around in the band, going up or down frequency, by pressing the + or - tuning buttons.
- Step 4.** Alternatively, use the AUTO SCAN feature. The tuner will automatically stop when it encounters a station strong enough to stop the scanner. Weaker stations may be missed when using this method in shortwave. If you are looking for stations that may be weak, use the manual tuning method outlined in step 3 above.

### HOW TO GO TO A SPECIFIC SHORTWAVE FREQUENCY

Press-and-hold the + or - button until the tuner gets into the general frequency range of where the specific desired frequency is located. Then, release-press-release the button to stop the scan. Then, use individual, quick, short presses of the + or - buttons to get to the exact frequency that you are selecting.

### LEARNING MORE ABOUT INTERNATIONAL SHORTWAVE BROADCASTS

Refer to the GRUNDIG SHORTWAVE LISTENING GUIDE that came with your radio, contact us by phone or visit our web site.



Contact Grundig if none of the suggestions below restore normal operation.

### SHUTS OFF ABRUPTLY WHILE PLAYING

Dead batteries. Replace them with new, fresh AA alkaline batteries.

### WILL NOT TURN ON AND LCD IS ACTIVE

Dead batteries - as above.

### WILL NOT TURN ON AND LCD IS BLANK

Probably dead batteries. If not, a 'reset' may be needed. To perform a 'reset', remove the batteries or unplug AC adaptor for about one minute. Then, reapply power. The display should become active and the radio should turn on.

### WILL NOT TURN ON USING THE 'POWER/STANDBY' BUTTON

The clock must be set to turn the radio on/off with this method. - : - - must not appear in the clock display.

### CLOCK DISPLAY READS - : - - AND MEMORIES ARE LOST

The radio was turned on when batteries were replaced or when an AC adaptor was plugged in or out.

### THE ALARM FEATURE DID NOT WORK

After setting the ALARM-ON time, 'STANDBY' was not activated to appear in the LCD. See the instructions for SETTING THE ALARM-ON TIME.

**FREQUENCY RANGE:** FM 87.5-108 MHz; MW (AM) 530-1710 KHz; SW 2-30 MHz.  
**TUNING CONTROLS:** Up/Down tuning buttons. Autoscan and manual tuning.  
 30 Memories with memory scan, 10 each, AM, FM, SW.

**ADDITIONAL FEATURES:** Dual conversion superheterodyne AM and SW circuitry. Liquid Crystal Display - 2.2 x 3.5 cm. Clock. Alarm - wake to radio. Sleep Timer.

**SPEAKER:** 57 mm (2-1/4 inch); 16 ohm; .25 watt.

**EARPHONE SOCKET:** 3.5 MM (1/8 inch)

**POWER SUPPLY:** Two AA batteries. 3 VDC AC adaptor (not supplied).

**AC ADAPTOR SPECIFICATIONS:** (adaptor is not included with purchase)

Output, 3 VDC, negative polarity, 250 milliamperes or greater; Plug tip diameter dimensions, 3.4 mm outer, 1.3 mm inner.

**ANTENNA:** Telescopic for FM, SW. Ferrite Bar (internal) for AM.

**DIMENSIONS:** 11.5 x 6.5 x 2.4 cm. 4 1/2 x 2 9/16 x 7/8 inch.

**WEIGHT:** 165 g.

**CABINET COLOR:** Titanium Silver

You may contact GRUNDIG Service Department for additional information or assistance by calling 1(800) 872-2228 in the U.S.A. or 1(800) 673-1648 in Canada. Monday through Friday, 8:30 a.m. - 4:00 p.m. (PST) except on holidays.

Should you want to return your unit for service, pack the receiver carefully using the original carton or other suitable container. Write your return address clearly on the shipping carton and on an enclosed cover letter describing the service required, symptoms or problems. Also, include your daytime telephone number and a copy of your proof of purchase. The receiver will be serviced under the terms of the GRUNDIG Limited Warranty and returned to you. Call for a Return Authorization prior to shipping your unit.

## ONE YEAR LIMITED WARRANTY

GRUNDIG warrants to the original purchaser this product shall be free from defects in material or workmanship for one year from the date of original purchase.

During the warranty period GRUNDIG or an authorized GRUNDIG service facility will provide, free of charge, both parts and labor necessary to correct defects in material and workmanship. At their option, GRUNDIG may replace a defective unit.

- (1) Complete and send in the Warranty Registration Card within ten (10) days of purchase.
- (2) Call Lextronix or the nearest authorized service facility, as soon as possible after discovery of a possible defect. Have ready
  - (a) the model and serial number.
  - (b) the identity of the seller and the approximate date of purchase.
  - (c) a detailed description of the problem, including details on the electrical connection to associated equipment and the list of such equipment.

(3) Lextronix will issue a Return Authorization number and the address to which the unit can be shipped. Ship the unit in its original container or equivalent, fully insured and shipping charges prepaid.

Correct maintenance, repair, and use are important to obtain proper performance from this product. Therefore carefully read the Instruction Manual. This warranty does not apply to any defect that GRUNDIG determines is due to:

- (1) Improper maintenance or repair, including the installation of parts or accessories that do not conform to the quality and specification of the original parts.
- (2) Misuse, abuse, neglect or improper installation.
- (3) Accidental or intentional damage.
- (4) Battery leakage.

All implied warranties, if any, including warranties of merchantability and fitness for a particular purpose, terminate one (1) year from the date of the original purchase.

The foregoing constitutes GRUNDIG's entire obligation with respect to this product, and the original purchaser shall have no other remedy and no claim for incidental or consequential damages, losses, or expenses. Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusions or limitation of incidental or consequential damages, so the above limitation and exclusion may not apply to you.

This warranty give you specific legal rights and you may also have other rights which vary from state to state.

For service information contact:

**LEXTRONIX, INC.**

3520 Haven Avenue, Unit L  
Redwood City, CA 94063-4605 U.S.A.  
1 (650) 361-1611

**Customer Service Center Phone:**

1 (800) 872-2228 (U.S.A.) or 1 (800) 637-1648 (Canada)

**Telefax:**

1 (650) 361-1724

**World Wide Web Site:**

<http://www.grundigradio.com>



